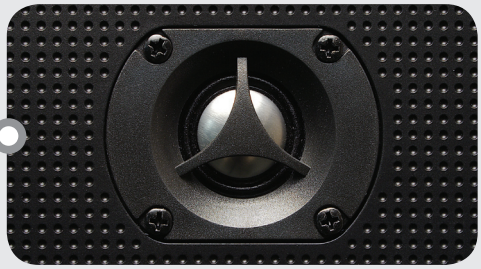
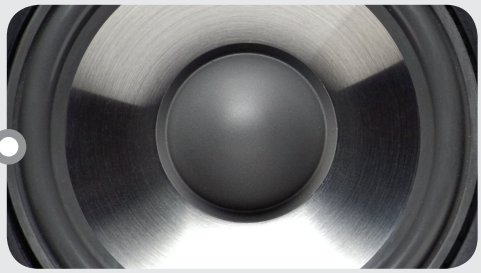
The Alpha Series

Shown above: Alpha T1 Tower, LR1 bookshelf, B1 Bookshelf, CLR1 Bookshelf & C1 Center Channel



PSB's 3/4" anodized aluminum dome tweeter with proprietary phase device rewards the listener with a smoother high end response.



Injection molded metalized polypropylene cones guarantee uniformity resulting in superior imaging across the entire series.

For maximum home theater and music listening impact, demand genuine deep bass from subwoofers like the compact PSB SubSeries 1 or the larger but substantially more powerful SubSeries 5i.

There are five different center/bookshelf/surround & tower Alphas, each reflecting the Alpha heritage. You can integrate an Alpha system to suit many audio needs, whether it's a simple, great-sounding stereo setup or a deceptively powerful, multi-channel digital-surround home theater—or even a desktop-audio workstation. What's more, the Alpha Series is video shielded, and tonally matched, so you can mix and match just the combination of power, range, and size your individual system demands.

Today's Alpha B1 carries the standard of the original Alpha to qualify as the world's performance/value champ, but ups the ante with superior depth, transparency and imaging courtesy of an improved smoother tweeter and redesigned woofer. Simple, small, yet elegant, the Alpha B1 retains the arrestingly detailed, extended sound that for fifteen years has been hailed by critics on four continents as an uncontested best-buy. The Alpha T1 adds a space-efficient floor-standing model that combines the same superb definition with extended deep bass and enhanced dynamics. Remarkably capable on its own for music or home-theater playback.

The multipurpose Alpha C1 is rigorously engineered to exacting standards of accuracy, power handling, and unexpected bass extension. These combine for solid, natural "front-stage" sound whether the magnetically shielded Alpha C1 is used to complement a pair of B1s or T1s; or in an

identical left/center/right front array. Unlike many other center speakers it is tuned for correct balance from its real-world location atop or below a television, where the large, acoustically reflective screen will otherwise significantly degrade vocal naturalness.

The ultra-compact Alpha LR1 and Alpha CLR1 preserve the Series virtues in a new, still smaller size. PSB worked tirelessly to endow these diminutive monitors with the response and dynamics necessary to ensure the smooth, naturally extended sound that is synonymous with the Alpha name, and their small size and contoured enclosures promote exceptional spatial imaging. The Alpha LR1 is a perfect choice for highly space-efficient stereo, home theater and desktop multimedia systems. Deployed horizontally, the dual-woofer CLR1 is the ideal center-channel complement, or, placed vertically in pairs or quartets, it offers a powerful, more dynamic option at all channels.

It goes almost without saying that for home theater and serious music listening alike, effective deep-bass reproduction is a must. Yet realizing dynamic, accurate bottom-end excellence is far from easy—especially in tandem with meaningful value. PSB's SubSeries powered subwoofers meet the challenge with specialized long-throw drivers, efficient bass-extending enclosures, and highly dynamic, low-frequency-optimized on-board amplifiers.

The Alpha Series - Specifications

	Alpha LR1 Bookshelf/Surround	**Alpha B1** Bookshelf/Surround	**Alpha T1** Tower	**Alpha CLR1** Center/Bookshelf/Surround	**Alpha C1** Center/Bookshelf/Surround
Frequency Range	(Anechoic Chamber)				
Response					
On Axis @ 0°±3dB	**100-21,000Hz**	**65-21,000Hz**	**55-21,000Hz**	**90-21,000Hz**	**62-21,000Hz**
Off Axis @ 30°±3dB	100-10,000Hz	65-10,000Hz	55-10,000Hz	90-10,000Hz	65-10,000Hz
LF Cutoff -10dB	**90Hz**	**55Hz**	**45Hz**	**80Hz**	**52Hz**
Sensitivity	(1W (2.83V) @ 1m, IEC-filtered Pink Noise, C-weighted)				
Anechoic Chamber	85dB	89dB	89dB	86dB	90dB
Typical Listening Room	**87dB**	**91dB**	**91dB**	**88dB**	**92dB**
Impedance					
Nominal	**6 Ohms**	**6 Ohms**	**8 Ohms**	**8 Ohms**	**8 Ohms**
Minimum	4 Ohms	4 Ohms	6 Ohms	6 Ohms	6 Ohms
Input Power	(RMS, Clipping <10% Time)				
Recommended	**15-80 Watts**	**10-90 Watts**	**15-120 Watts**	**15-80 Watts**	**10-120 Watts**
Program	60 Watts	60 Watts	60 Watts	60 Watts	60 Watts
Acoustic Design					
Tweeter (Nominal)	**3/4" (19mm)** Aluminum Dome with Ferrofluid	**3/4" (19mm)** Aluminum Dome with Ferrofluid	**3/4" (19mm)** Aluminum Dome with Ferrofluid	**3/4" (19mm)** Aluminum Dome with Ferrofluid	**3/4" (19mm)** Aluminum Dome with Ferrofluid
Woofer (Nominal)	**3 1/2" (90mm)** Injection Molded Metalized Polypropylene Cone Damped Rubber Surround	**5 1/4" (130mm)** Injection Molded Metalized Polypropylene Cone Damped Rubber Surround	**2 x 5 1/4" (130mm)** Injection Molded Metalized Polypropylene Cone Damped Rubber Surround	**2 x 3 1/2" (90mm)** Injection Molded Metalized Polypropylene Cone Damped Rubber Surround	**2 x 5 1/4" (130mm)** Injection Molded Metalized Polypropylene Cone Damped Rubber Surround
Crossover	**3,000Hz,** B3	**3,000Hz,** B3	**3,000Hz,** B3	**3,000Hz,** B3	**3,000Hz,** B3
Internal Volume	**0.07 cu ft (2.0 liter)**	**0.29 cu ft (8.0 liter)**	**1.19 cu ft (33.4 liter)**	**0.10 cu ft (2.8 liter)**	**0.46 cu ft (12.8 liter)**
Design Type	**Acoustic Suspension** Sealed **Video Shielded**	**Bass Reflex** 1 1/2" Rear Port **Video Shielded**	**Bass Reflex** 2 3/4" (70mm) Rear Port **Video Shielded**	**Acoustic Suspension** Sealed **Video Shielded**	**Bass Reflex** 2" (50mm) Rear Port **Video Shielded**
Size (W x H x D)	**4 5/8 x 7 1/4 x 6 3/8"** 118 x 182 x 163mm	**7 1/16 x 11 7/8 x 9 1/4"** 179 x 300 x 235mm	**7 1/16 x 35 3/4 x 12 1/8"** 179 x 907 x 310mm	**9 3/4 x 4 1/4 x 6 1/4"** 248 x 108 x 159mm	**17 7/8 x 7 1/16 x 9 1/4"** 453 x 179 x 235mm
Weight					
Net	**3.3 lb (1.5kg)/each**	**8.8 lb (4.0kg)/each**	**29.0 lb (13.2kg)/each**	**4.8 lb (2.2kg)/each**	**15.9 lb (7.2kg)/each**
Shipping	7.6 lb (3.5kg)/pair	21.4 lb (9.7kg)/pair	35.0 lb (15.9kg)/each	5.6 lb (2.6kg)/each	16.6 lb (7.5kg)/each
Finish	(Some finishes not available in all markets. Woodgrained except as noted.)				
	Black Ash or **White Textured**	**Black Ash, Maple** **or Sienna**	**Black Ash, Maple** **or Sienna**	**Black Ash or** **White Textured**	**Black Ash, Maple** **or Sienna**
Features	**5-way Gold-plated Binding Posts** Keyhole Slot 1/4-20 Threaded Brass Insert Aluminum Grille Clear Rubber Bumpers	**5-way Gold-plated Binding Posts** Keyhole Slot 1/4-20 Threaded Brass Insert Aluminum Grille Clear Rubber Bumpers	**Dual, 5-way Gold-plated Binding Posts** Aluminum Grille Adjustable Spikes and Rubber Levelers	**5-way Gold-plated Binding Posts** Hor/Vert Keyhole Slots 1/4-20 Threaded Brass Insert Aluminum Grille Clear Rubber Bumpers	**5-way Gold-plated Binding Posts** Hor/Vert Keyhole Slots 1/4-20 Threaded Brass Insert Aluminum Grille Clear Rubber Bumpers
Packages	(May not be available in all markets.)				
	Alpha HT1 2 pairs Alpha LR1 1 Alpha CLR1 1 SubSeries 1 Black Ash, Maple or Sienna finish			**Alpha HT1** 2 pairs Alpha LR1 1 Alpha CLR1 1 SubSeries 1 Black Ash, Maple or Sienna finish	

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